

ABSTRACT

An object of the invention is to provide a laminated film which hardly gives transmission loss based on reflection or scattering, is excellent in heat resistance and humidity resistance, and has an arbitrarily-controlled refractive index distribution. Accordingly, the invention is a laminated film comprising 5 or more laminated resin layers; the thickness of each of the resin layers being from 1 to 100 nm; and the film having a layer structure wherein the thicknesses of resin layers having the same composition A, out of the resin layers, increase or decrease from the side of a surface of the laminated film toward the side of the other surface opposite thereto.